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TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 0501-UTL-0 U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/559595
INTERNATIONAL APPLICATION NO. PCT/US2004/017456	INTERNATIONAL FILING DATE May 28, 2004	PRIORITY DATE CLAIMED May 30, 2003
TITLE OF INVENTION Novel Methods and Compositions for Enhanced Transmucosal Delivery of Peptides and Proteins		
APPLICANT(S) FOR DO/EO/US John Ong, Gregg Stetsko, Robert Jennings		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input checked="" type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).		
Items 11 to 20 below concern document(s) or information included:		
11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A preliminary amendment. 14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input checked="" type="checkbox"/> A substitute specification. 16. <input checked="" type="checkbox"/> A power of attorney and/or change of address letter. 17. <input checked="" type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825. 18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).		

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <div style="font-size: 24pt; font-weight: bold; text-align: center;">10/559595</div>		INTERNATIONAL APPLICATION NO. <div style="font-size: 24pt; font-weight: bold; text-align: center;">PCT/US2004/017456</div>		ATTORNEY'S DOCKET NUMBER <div style="font-size: 24pt; font-weight: bold; text-align: center;">0501-UTL-0</div>	
20. Other items or information: Substitute Specification - Marked-Up Version Sequence Listing on Compact Disk (2 copies) Compact Disk Transmittal Letter Statement Under 37 C.F.R. 1.821(f) Return Post Card					
The following fees have been submitted				CALCULATIONS PTO USE ONLY	
21. <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a))..... \$300				<div style="border: 1px solid black; padding: 2px;">\$ 300</div>	
22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c))				<div style="border: 1px solid black; padding: 2px;">\$ 200</div>	
If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0 All other situations.....\$200				<div style="border: 1px solid black; padding: 2px;">\$ 200</div>	
23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority.....\$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB..... \$400 All other situations.....\$500				<div style="border: 1px solid black; padding: 2px;">\$ 100</div>	
TOTAL OF 21, 22 and 23 =					
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
62 - 100 =	0 /50 =		x \$250	<div style="border: 1px solid black; padding: 2px;">\$ 0</div>	
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).				<div style="border: 1px solid black; padding: 2px;">\$</div>	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	27 - 20 =	7	x \$ 50	<div style="border: 1px solid black; padding: 2px;">\$ 350</div>	
Independent claims	3 - 3 =	0	x \$200	<div style="border: 1px solid black; padding: 2px;">\$ 0</div>	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360	<div style="border: 1px solid black; padding: 2px;">\$ 0</div>	
TOTAL OF ABOVE CALCULATIONS =				<div style="border: 1px solid black; padding: 2px;">\$ 950</div>	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.					
SUBTOTAL =				<div style="border: 1px solid black; padding: 2px;">\$ 950</div>	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				<div style="border: 1px solid black; padding: 2px;">\$</div>	
TOTAL NATIONAL FEE =				<div style="border: 1px solid black; padding: 2px;">\$ 950</div>	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				<div style="border: 1px solid black; padding: 2px;">\$</div>	
TOTAL FEES ENCLOSED =				<div style="border: 1px solid black; padding: 2px;">\$ 950</div>	
				Amount to be refunded:	
				<div style="border: 1px solid black; padding: 2px;">\$</div>	
				Amount to be charged	
				<div style="border: 1px solid black; padding: 2px;">\$</div>	

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- a. ☐ A check in the amount of \$ _____ to cover the above fees is enclosed.
- b. ☒ Please charge my Deposit Account No. 010535 in the amount of \$ 950.00 to cover the above fees.
A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 010535. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

the address associated with Customer
Number 44638

James E. Butler
SIGNATURE
James E. Butler, Ph.D.
NAME
40931
REGISTRATION NUMBER

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

National Phase Filing of:

Intl. Appl. No.: PCT/US2004/017456

Inventors: ONG, et al.

Filed: May 28, 2004

Title: NOVEL METHODS AND COMPOSITIONS FOR
ENHANCED TRANSMUCOSAL DELIVERY OF
PEPTIDES AND PROTEINS

Confirmation No.: Unknown

TC/A.U.: Unknown

Examiner: Unknown

TRANSMITTAL

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The following documents are enclosed herewith for your review and consideration:

- Transmittal Letter to the US Designated/Elected Office Concerning a Submission Under 35 U.S.C 371 (In Duplicate) (3 pages)
- Substitute Specification, Claims and Abstract – Clean Version (58 pages)
- Substitute Specification, Claims and Abstract – Marked-Up Version (54 pages)
- Drawing Sheets (2 pages)
- Sequence Listing Statement Under 37 C.F.R. 1.821(f) (1 page)
- Compact Disk Transmittal Letter Under 37 C.F.R. 1.52(e) (1 page)
- Compact Disks containing Sequence Listing (2 Disks)
- Compact Disk containing Computer Readable Format of Sequence Listing (1 Disk)

CERTIFICATE OF MAILING
(37 C.F.R. §1.8a)

I hereby certify that this paper (along with anything referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage in an envelope addressed to the Commissioner for Patents, Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450, DC 20231

30 November 2005
Date of Deposit

James Butler
Name of Person Mailing Paper
James Butler
Signature of Person Mailing Paper

10/559595

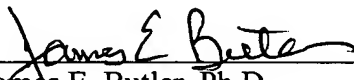
Appln. No. 08/870,762
Atty. Docket: 030639.0044.CPA2
Page 2

IAP9 Rec'd PCT/PTO 30 NOV 2005

- Preliminary Amendment (2 pages)
- Combined Declaration and Power of Attorney (3 pages)
- Application Data Sheet (3 pages)
- Return Receipt Postcard

Respectfully submitted,
AMYLIN PHARMACEUTICALS, INC.

Dated: November 30, 2005

By: 
James E. Butler, Ph.D.
Registration No. 40,931

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